

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Minjuan Zhang	11/06/2007
RECEIVING PARTY DATA	
Name:	Toyota Motor Engineering and Manufacturing North America, Inc.
Street Address:	25 Atlantic Avenue
City:	Erlanger
State/Country:	KENTUCKY
Postal Code:	41018
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11937225
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ATTORNEY DOCKET NUMBER:	TOY 2007-056 PA/22562.91
NAME OF SUBMITTER:	Matthew A. Molloy
Total Attachments: 1 source=Assignment#page1.tif	

OP \$40.00 11937225

ASSIGNMENT

WHEREAS, I, **MINJUAN ZHANG** of Ann Arbor, Michigan invented certain new and useful **SYNTHESIS OF Pb ALLOY AND CORE/SHELL NANOWIRES** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on November 8, 2007 under

Patent Application Serial No. 11/937,225

Attorney Docket No. 2007-056 / 22562.91 ;

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on our behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, **Toyota Motor Engineering and Manufacturing North America, Inc.** a corporation of the State of Kentucky, with a place of business at 25 Atlantic Avenue, Erlanger, KY 41018, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Date: 11/6/07

Minjuan
MINJUAN ZHANG